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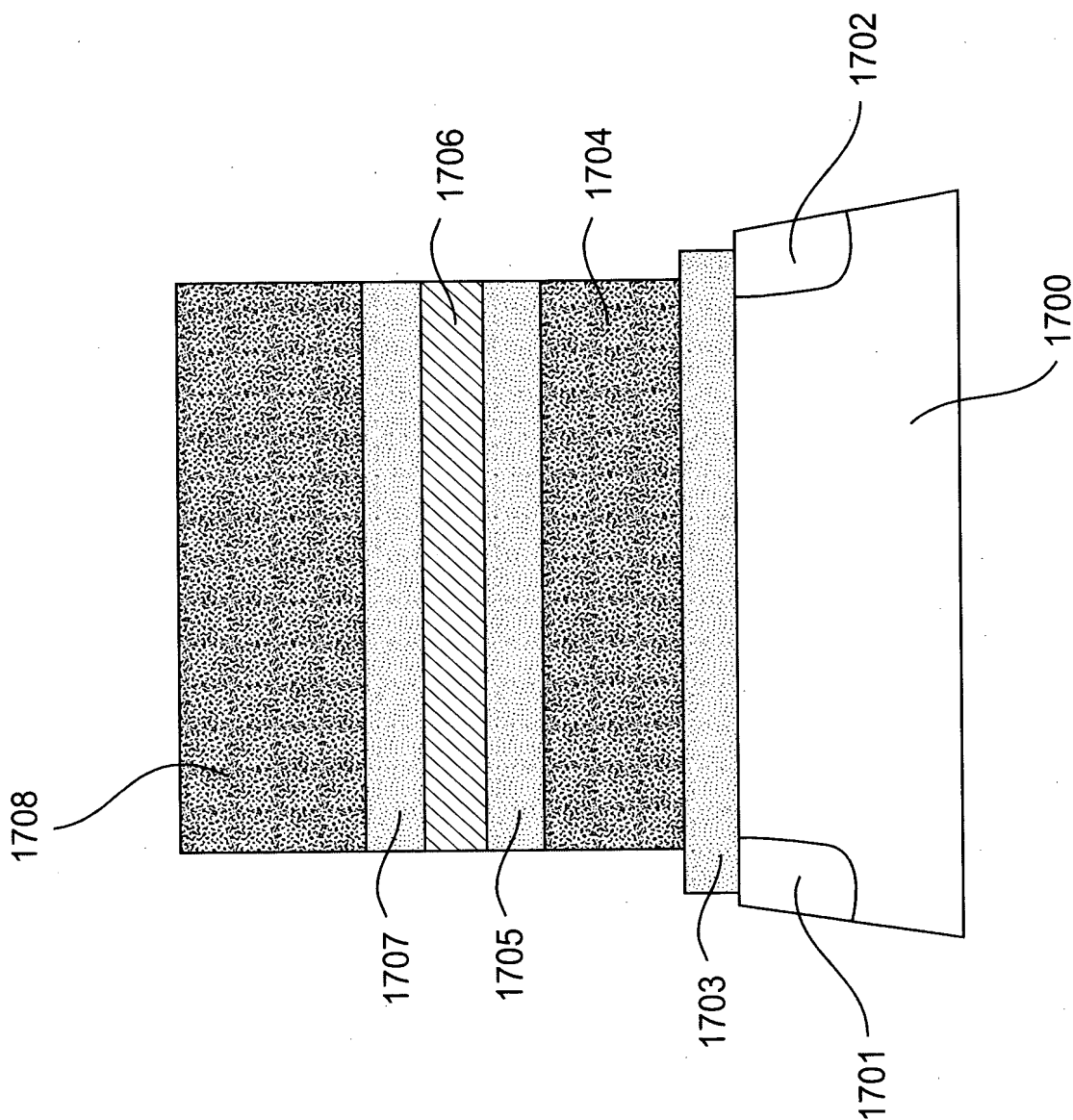


FIG. 1

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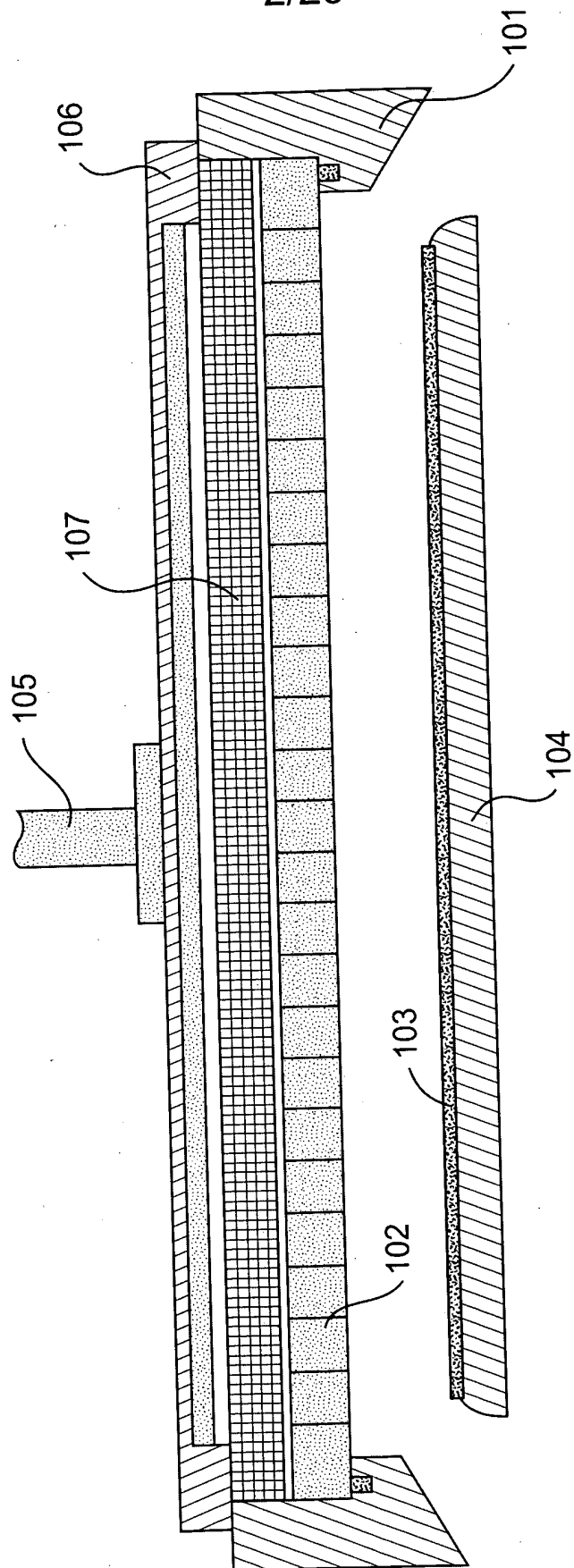


FIG. 2

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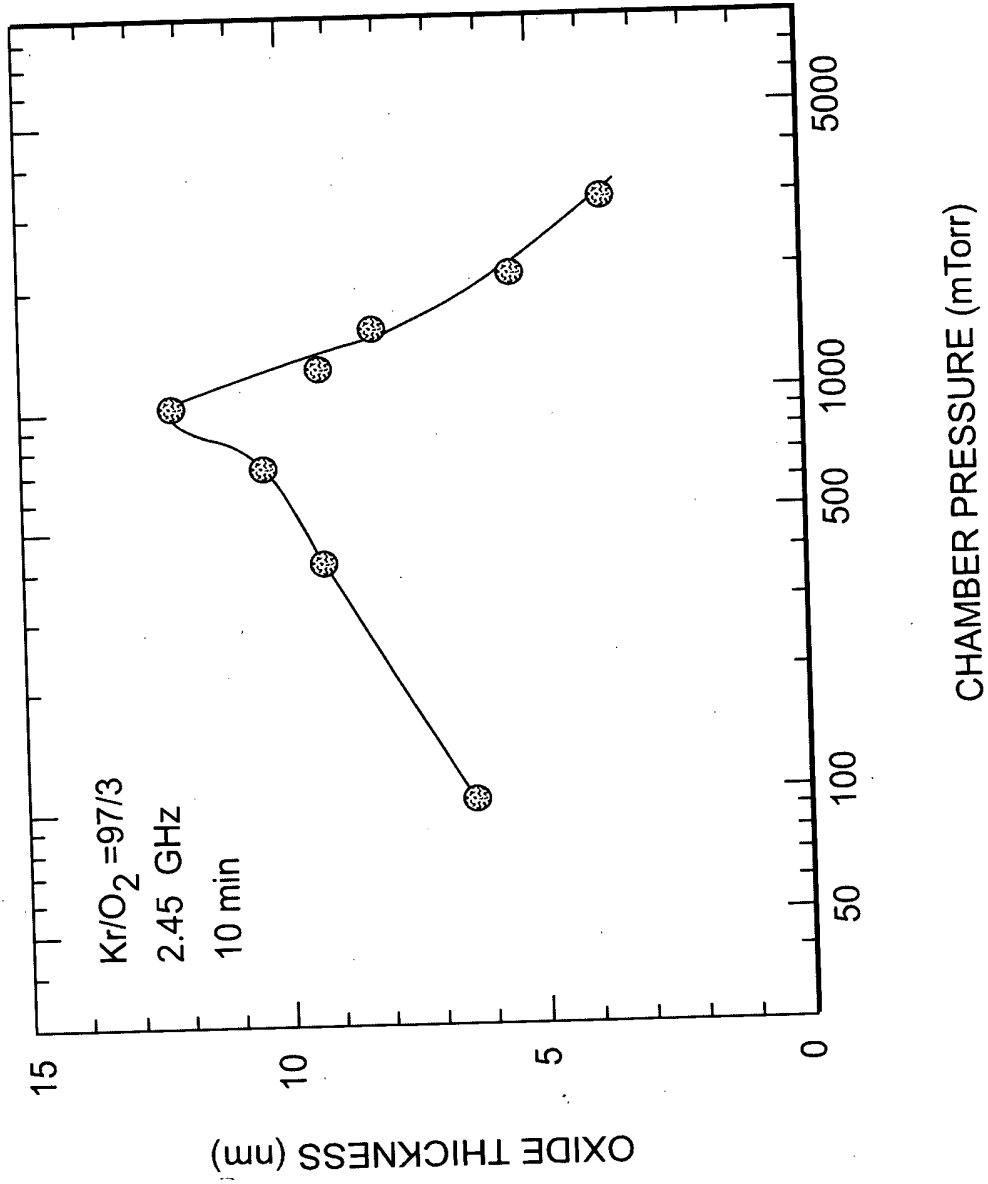
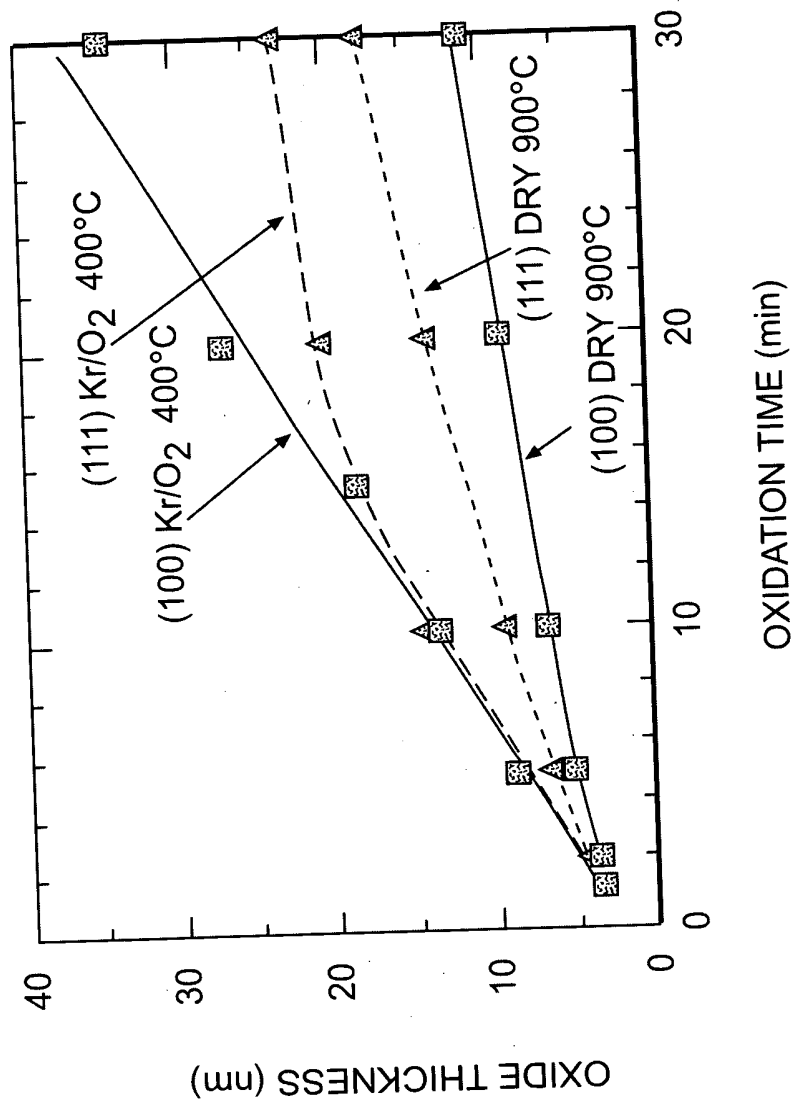
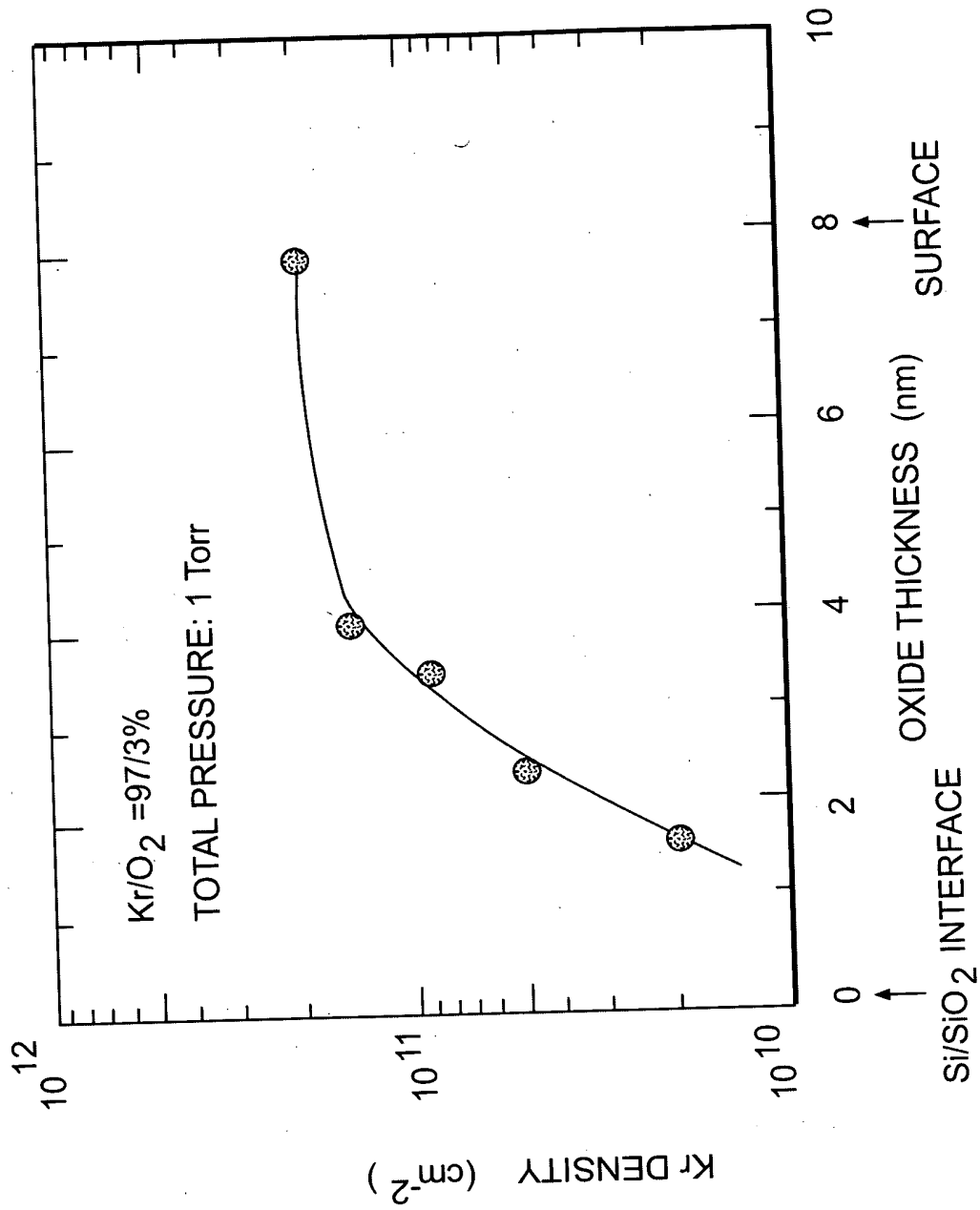


FIG. 3

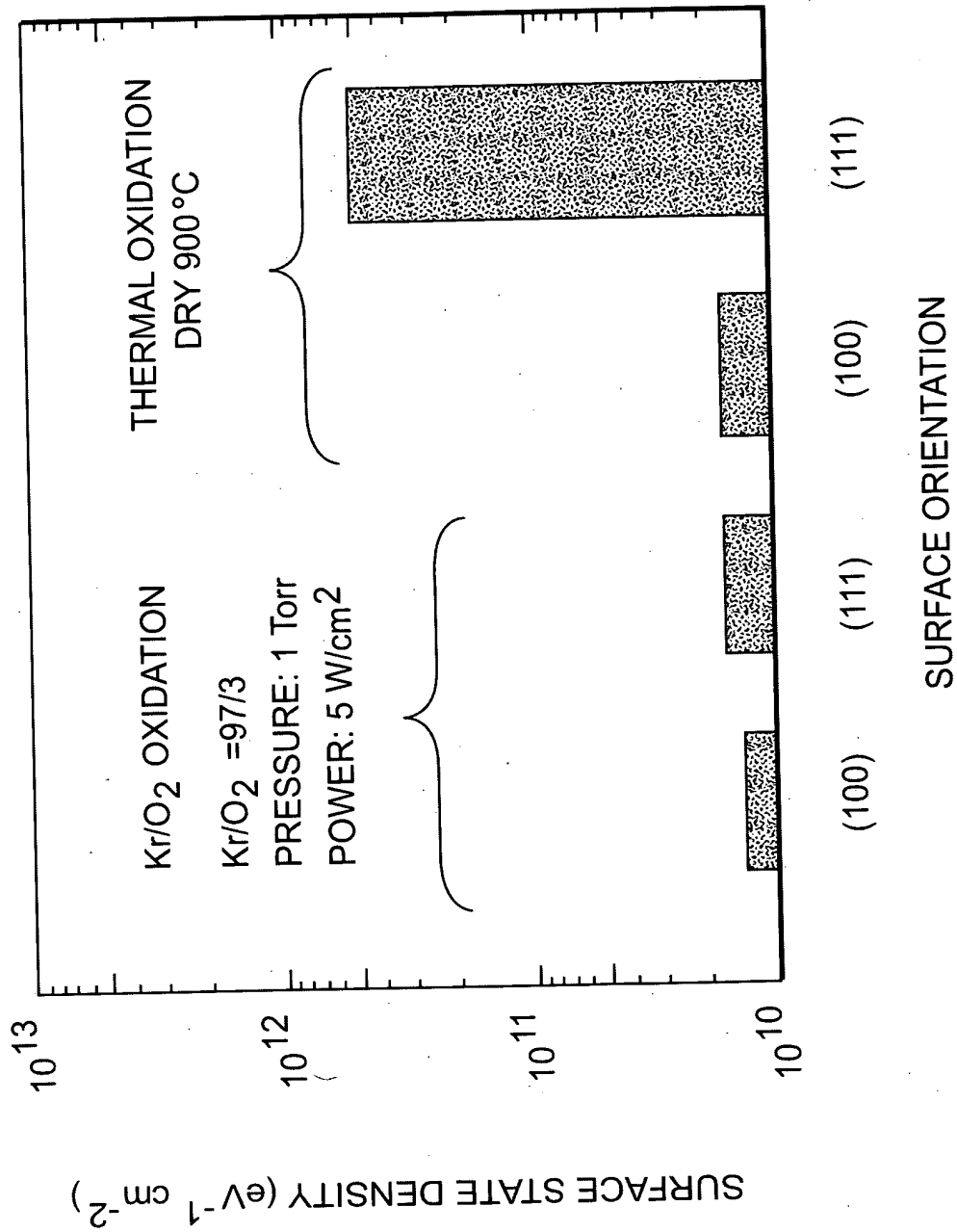
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**FIG. 4**

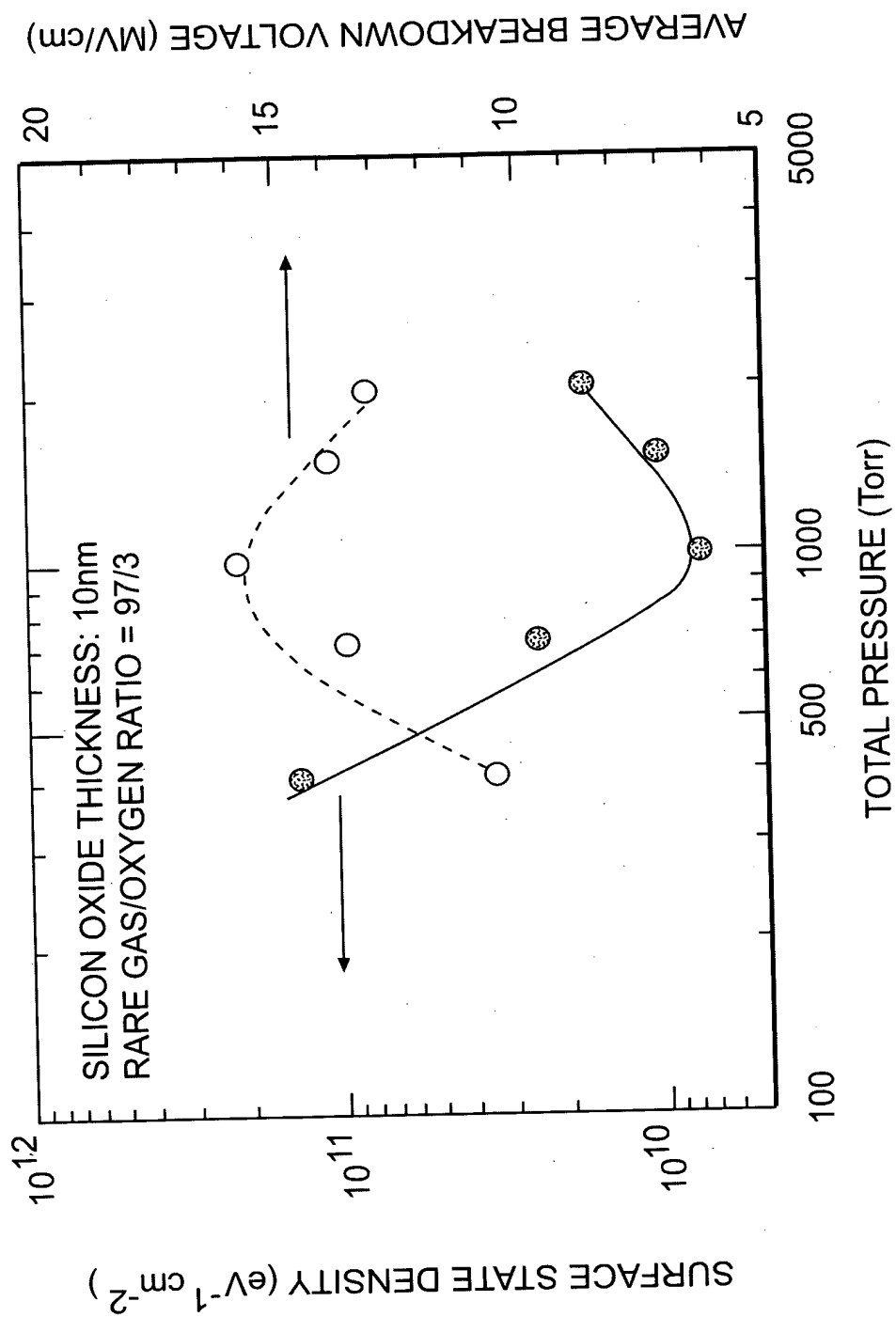
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**FIG. 5**

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**FIG. 6**

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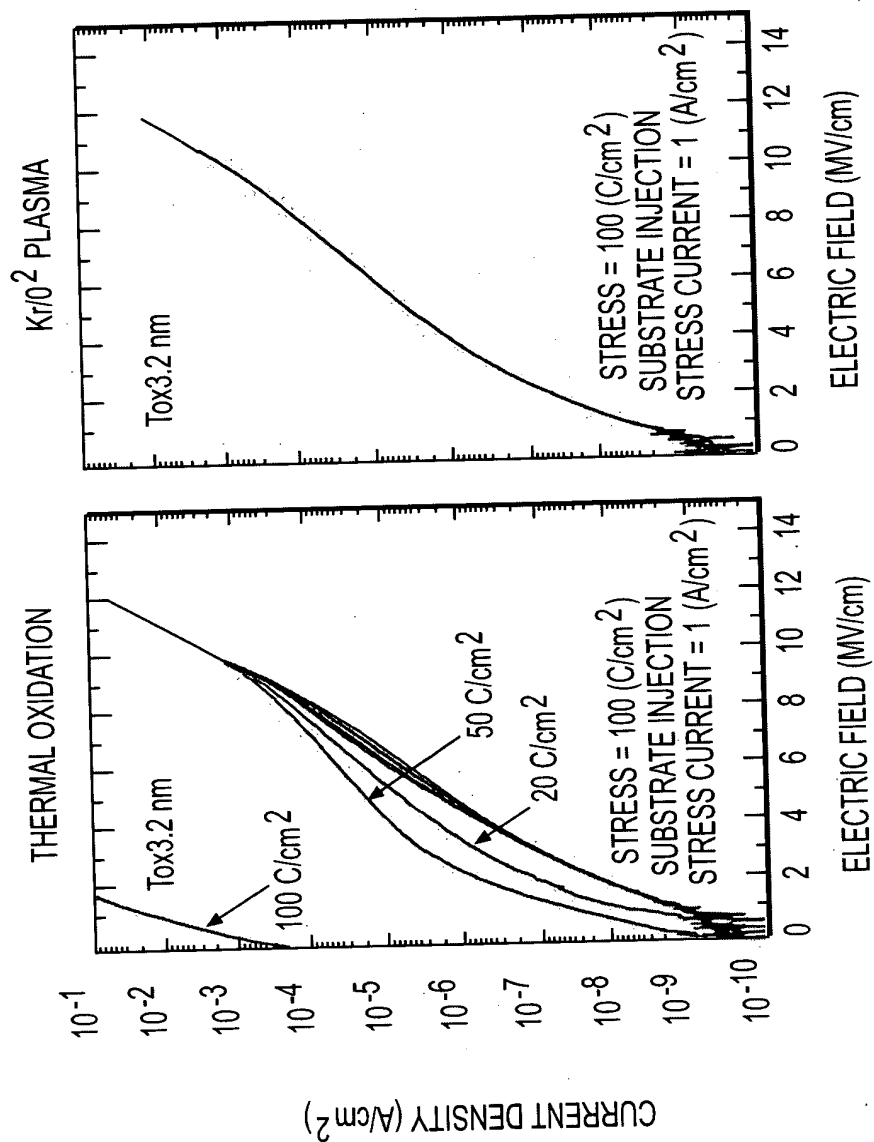
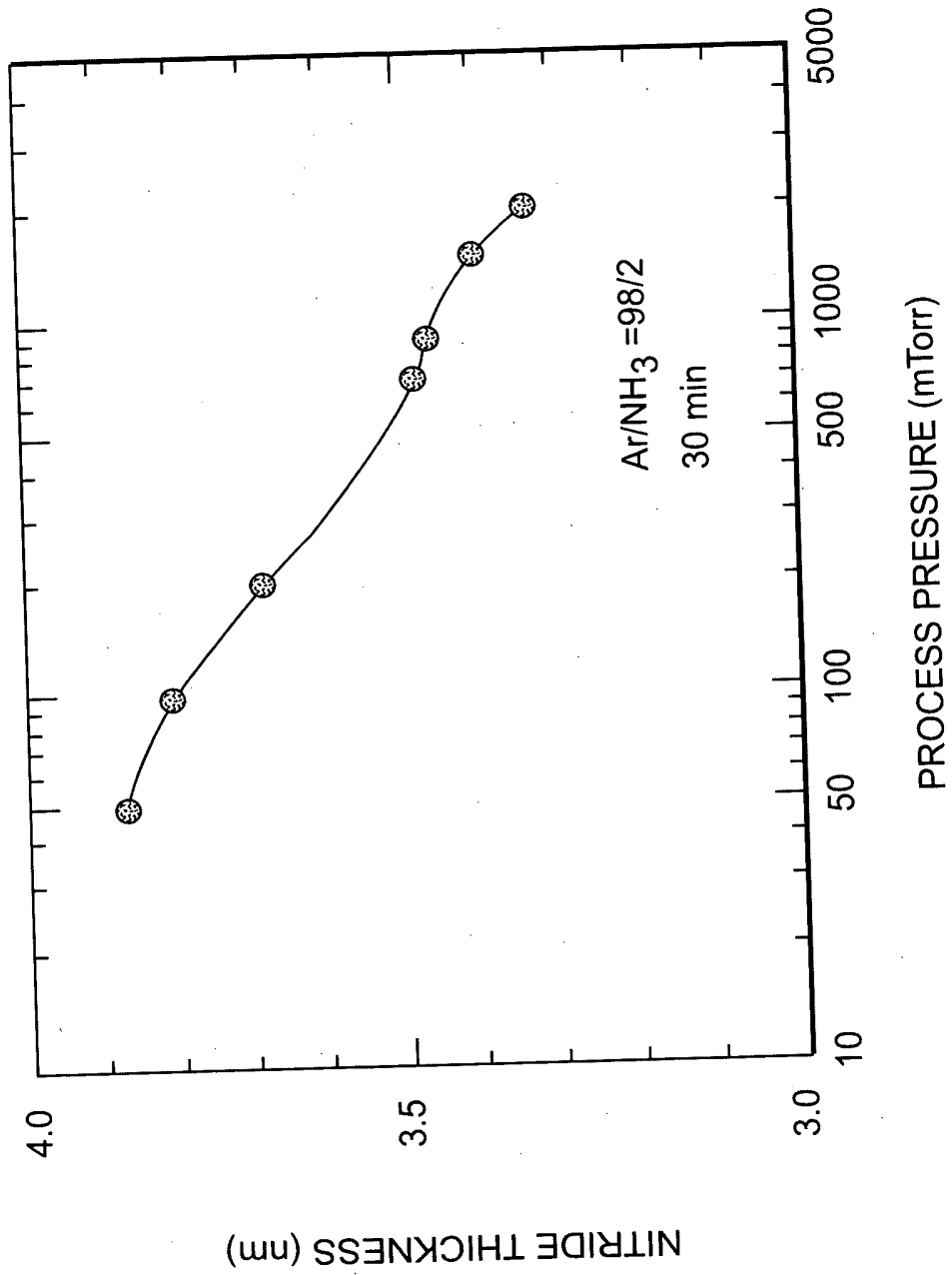


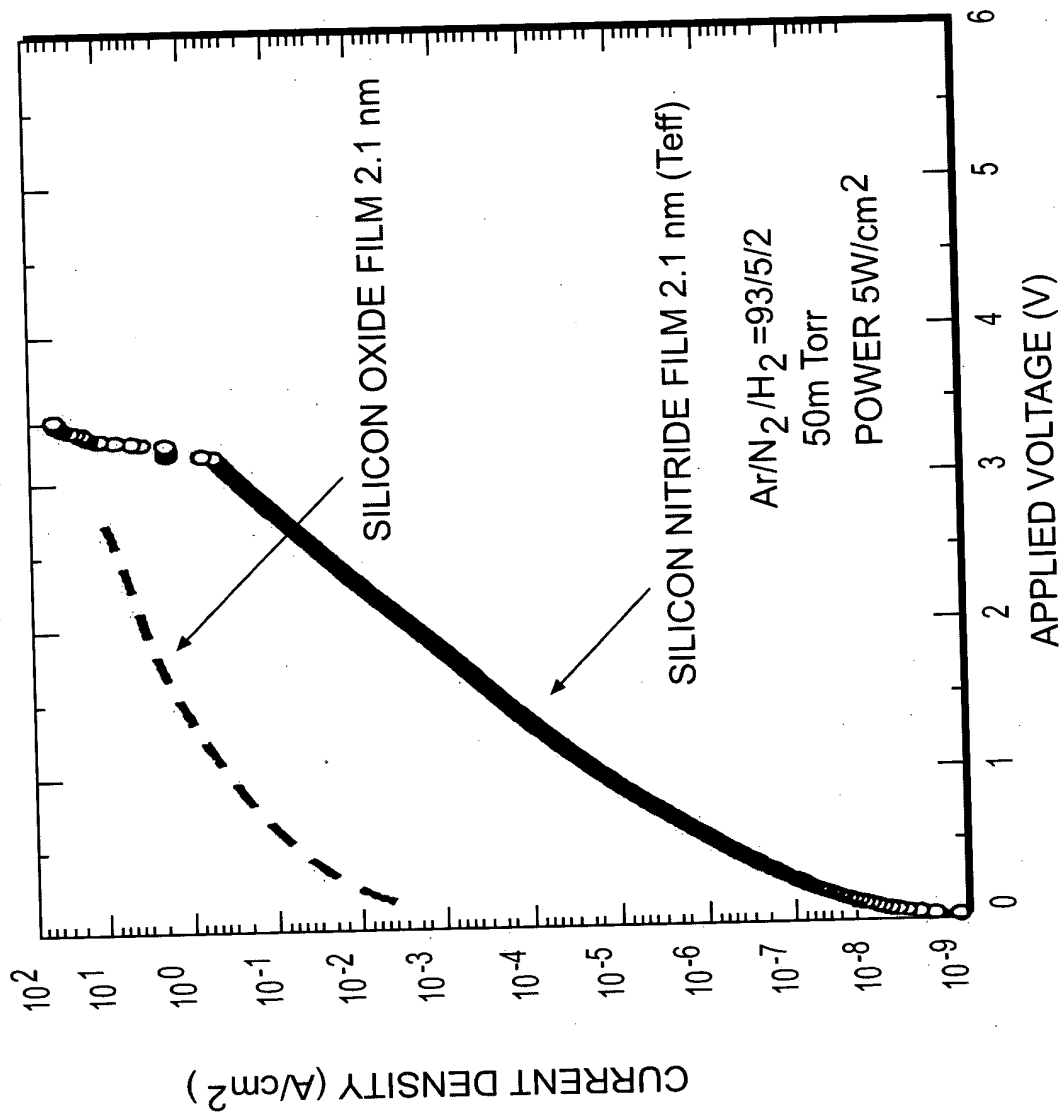
FIG. 8B

FIG. 8A

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**FIG. 9**

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**FIG. 10**

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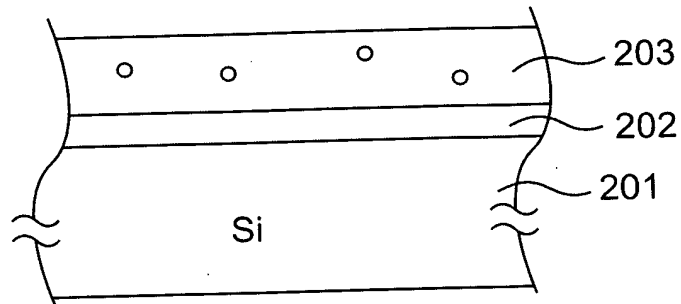
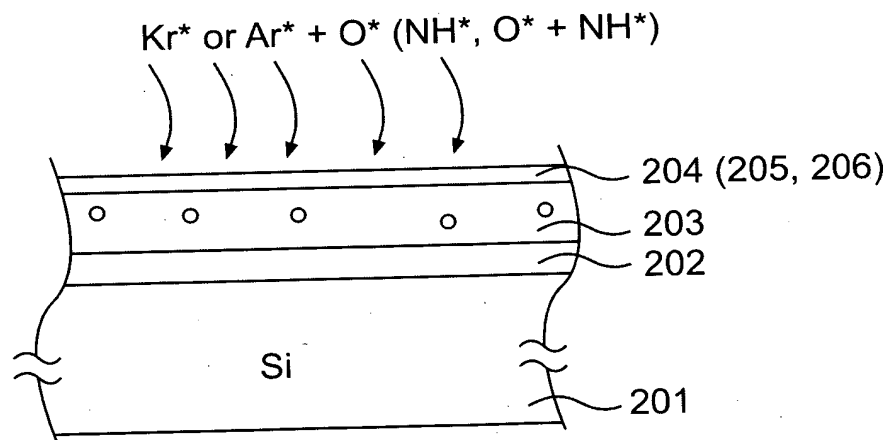


FIG. 11A



204: SiO_2	← O^*
205: Si_3N_4	← NH^*
206: SiO_N	← $\text{O}^* + \text{NH}^*$

FIG. 11B

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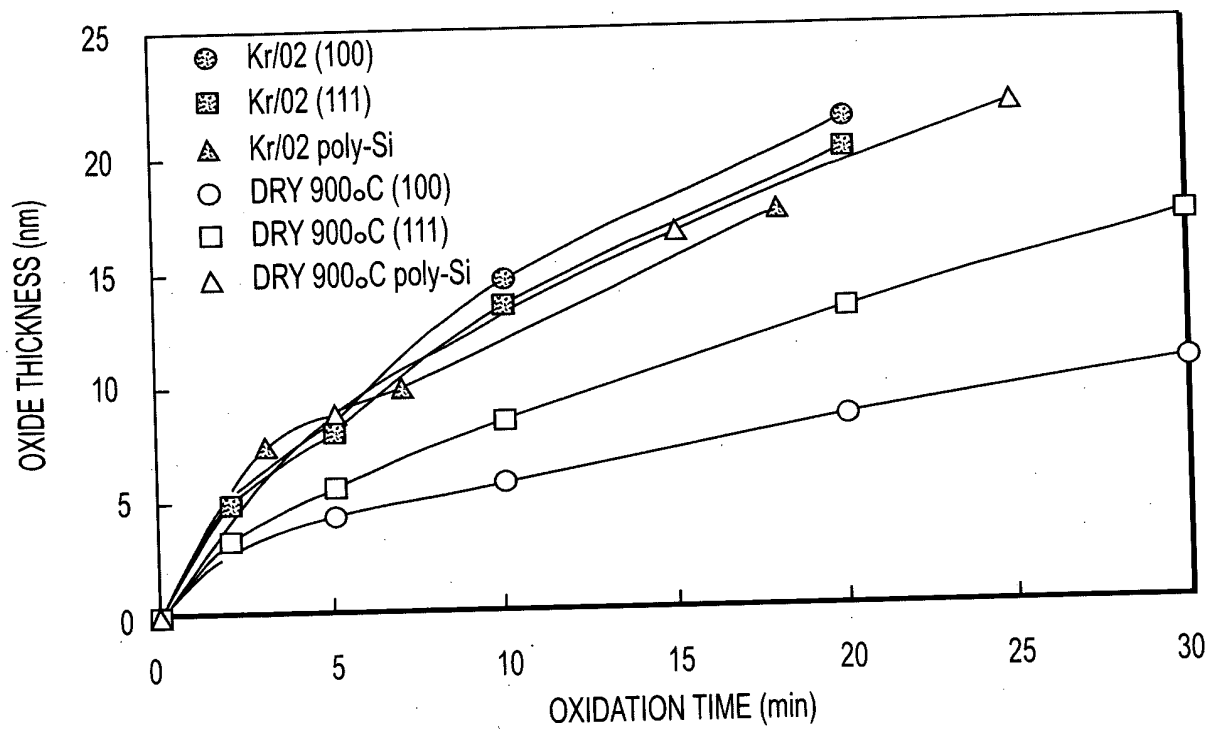


FIG. 12

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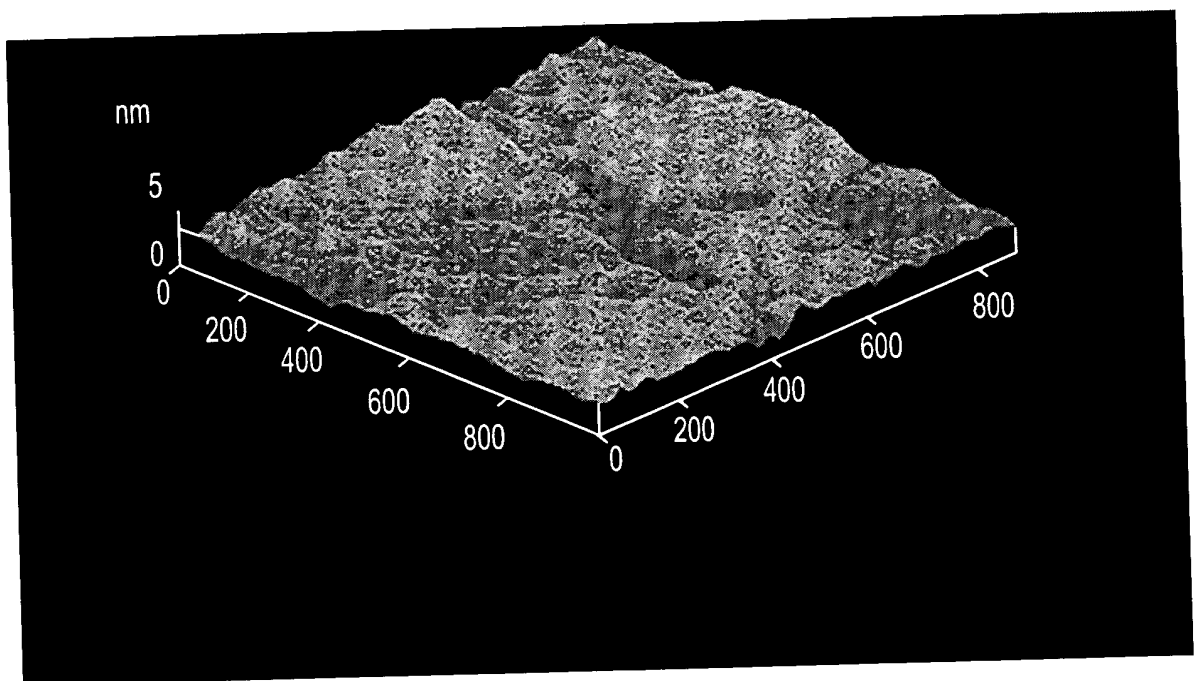


FIG. 13A

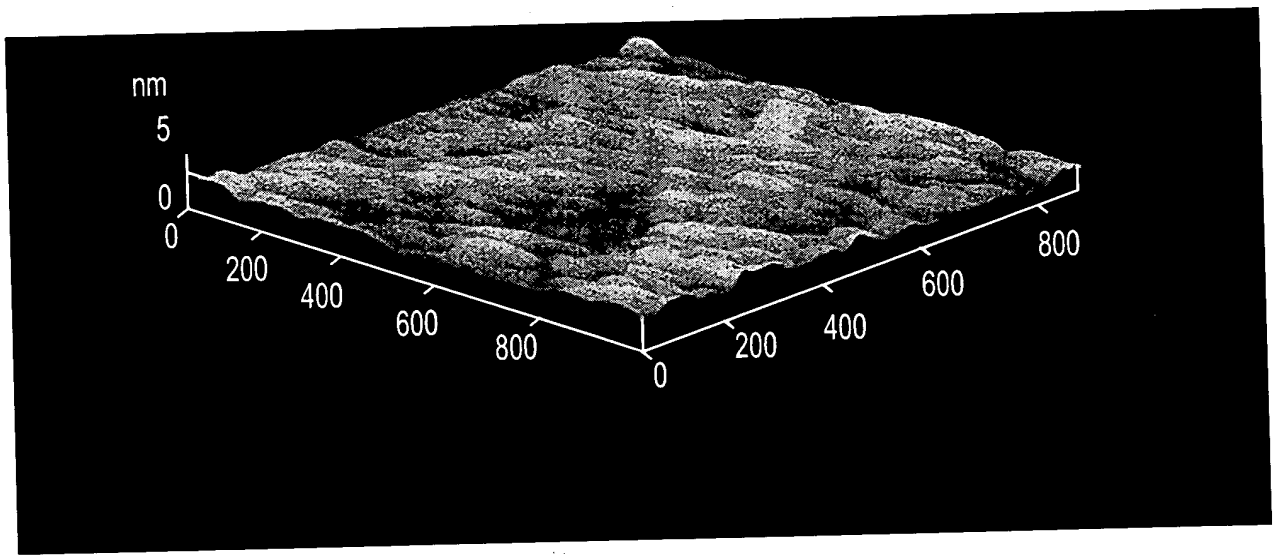


FIG. 13B

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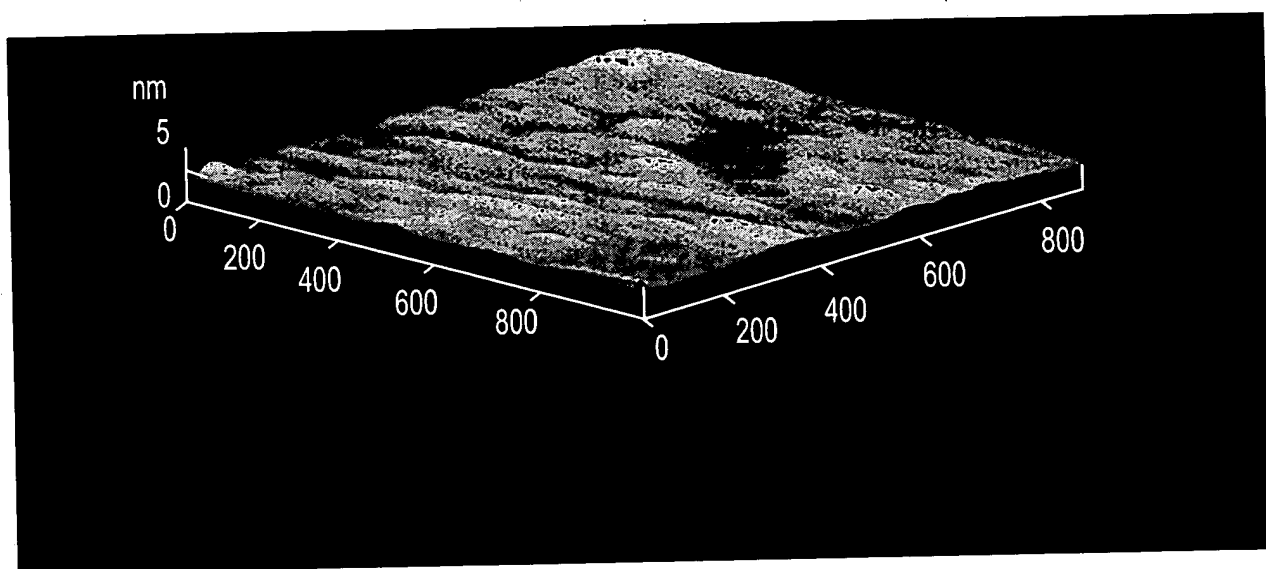


FIG. 13C

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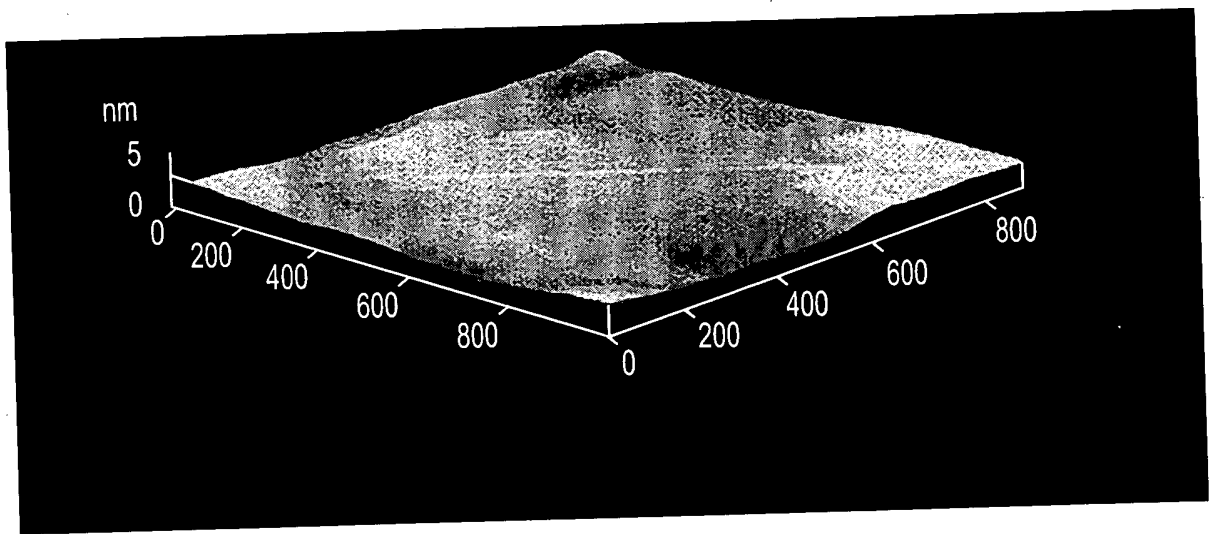


FIG. 14A

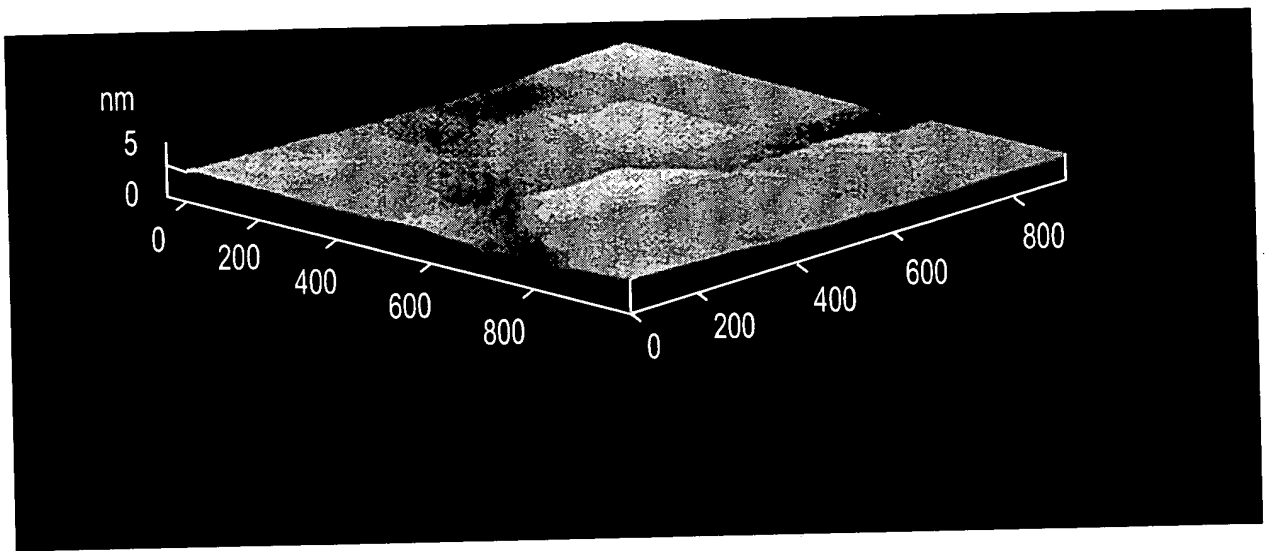


FIG. 14B

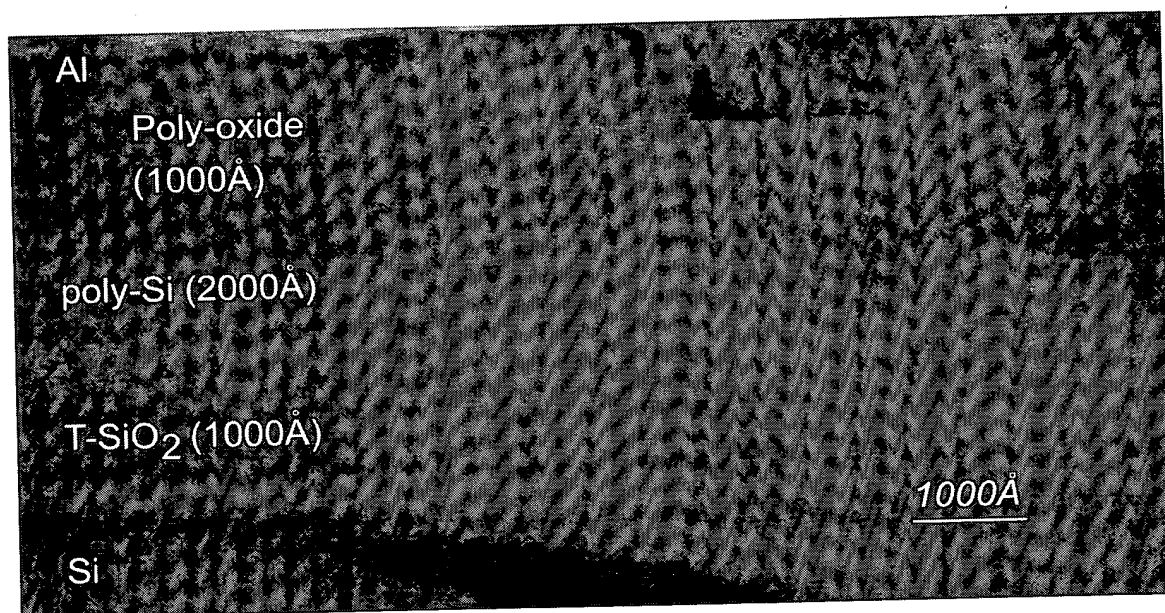


FIG. 15A

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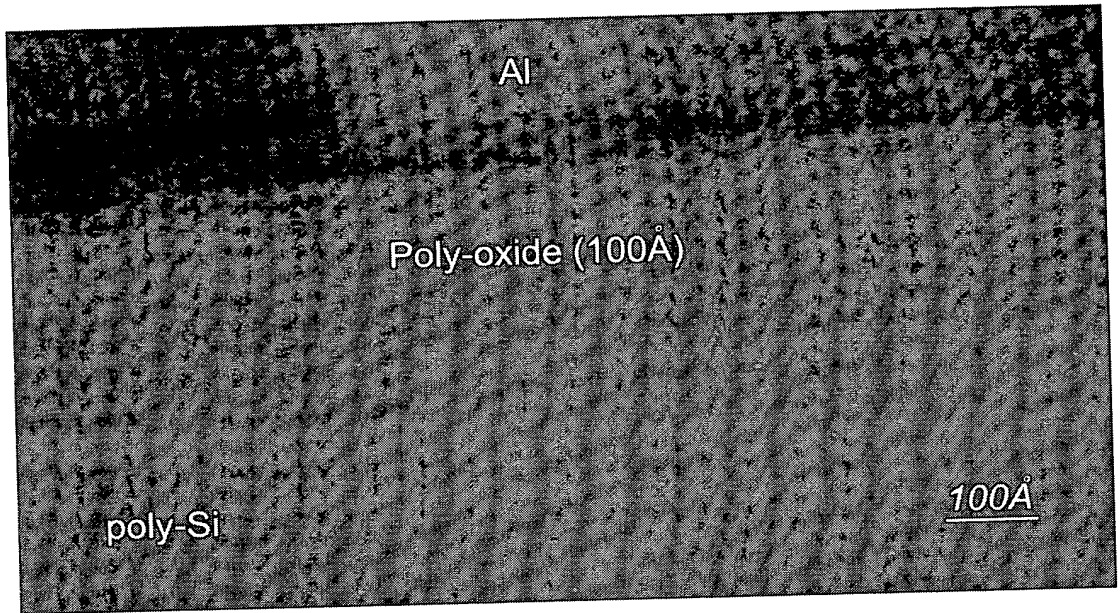


FIG. 15B

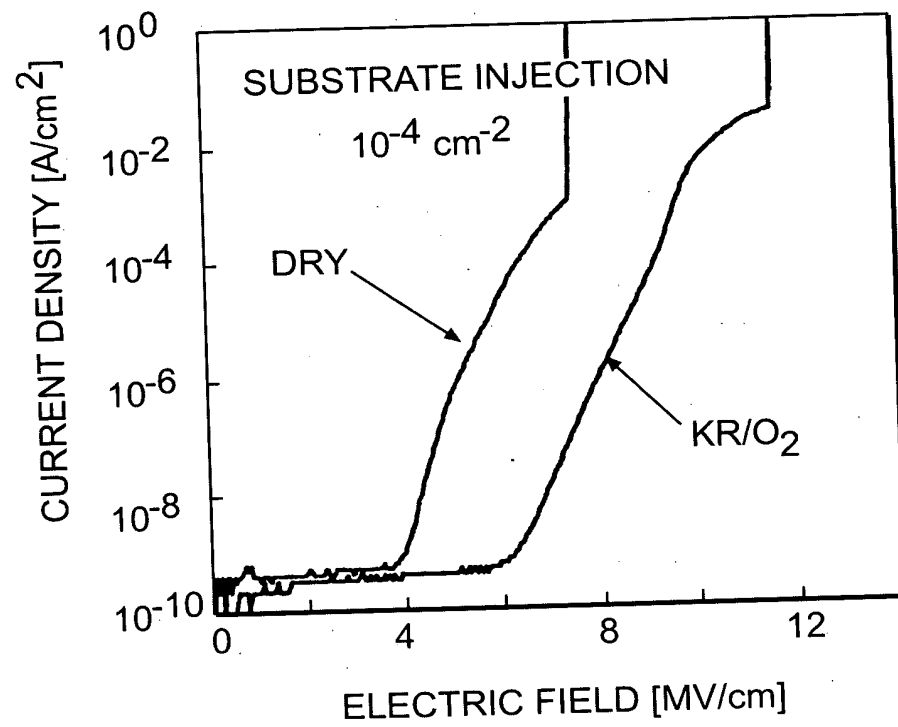


FIG. 16

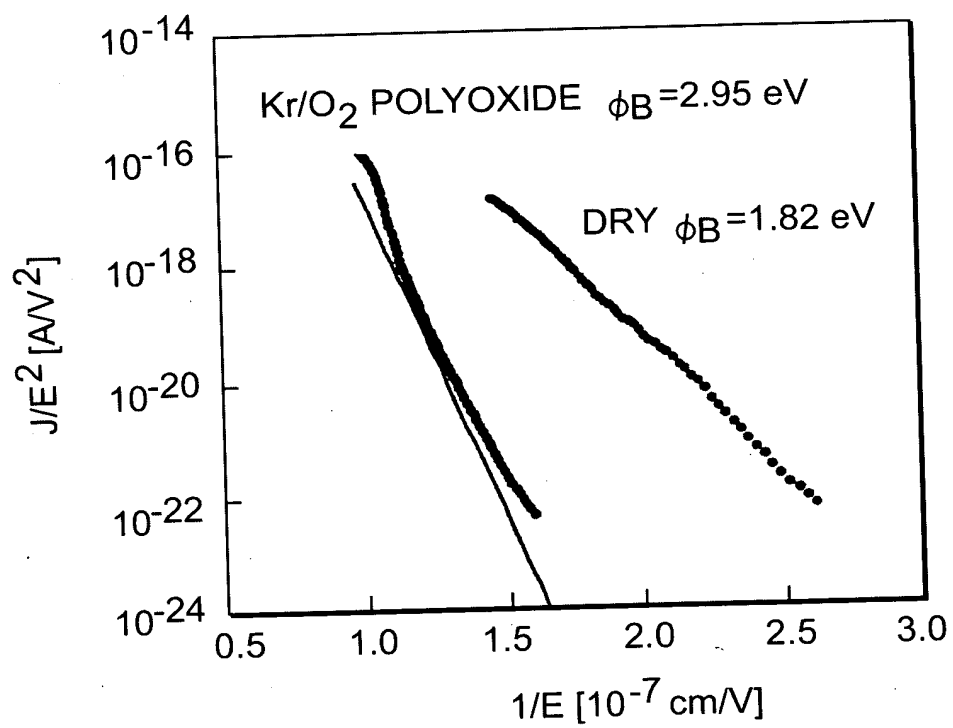


FIG. 17

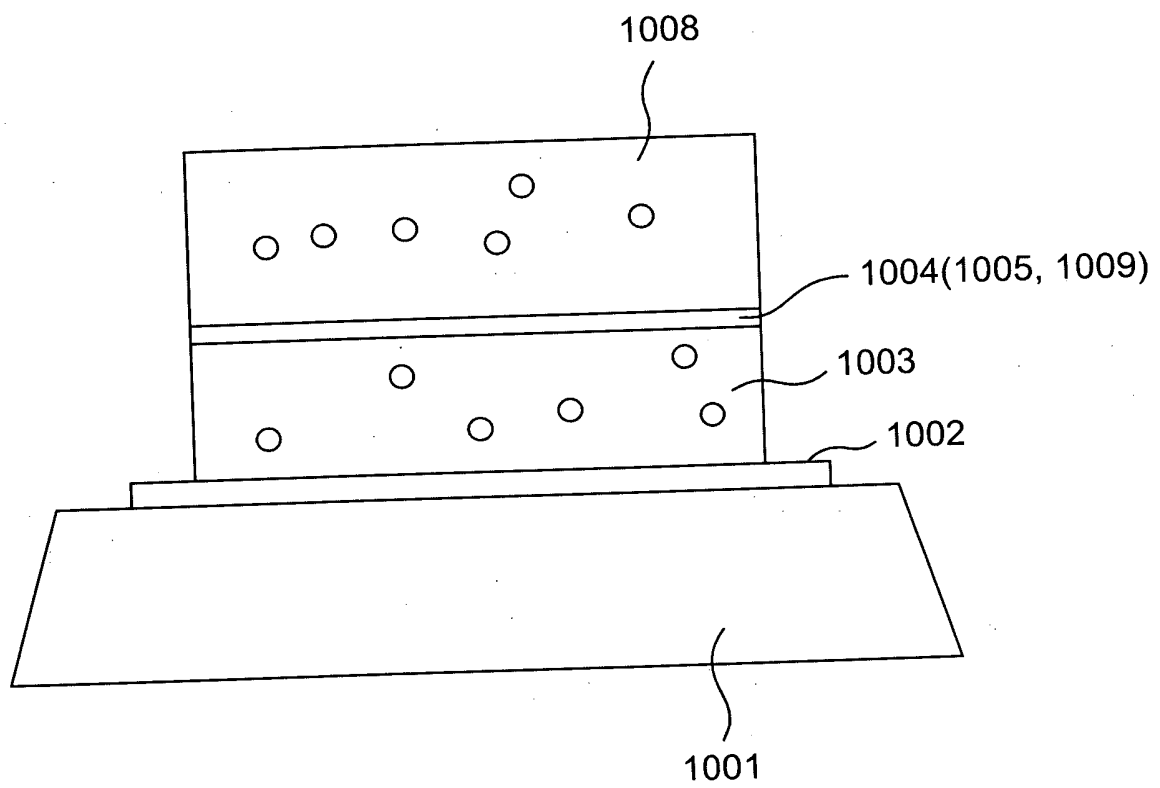


FIG. 18

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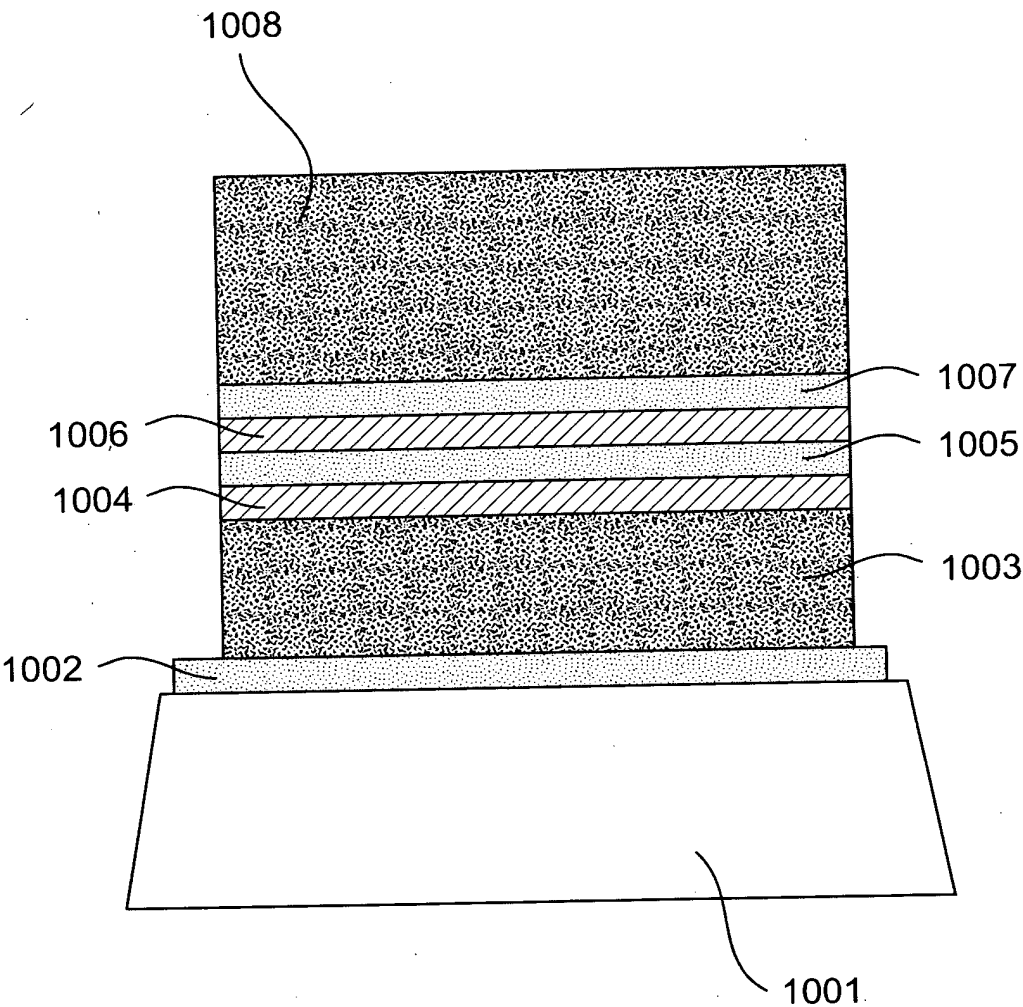


FIG. 19

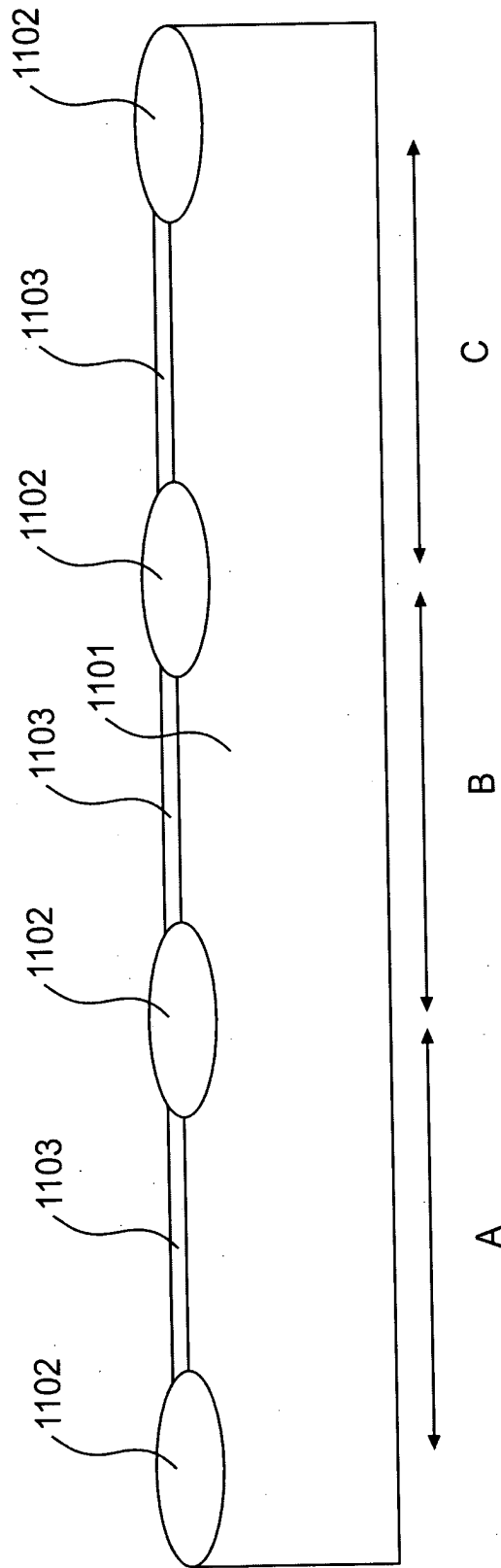


FIG. 20

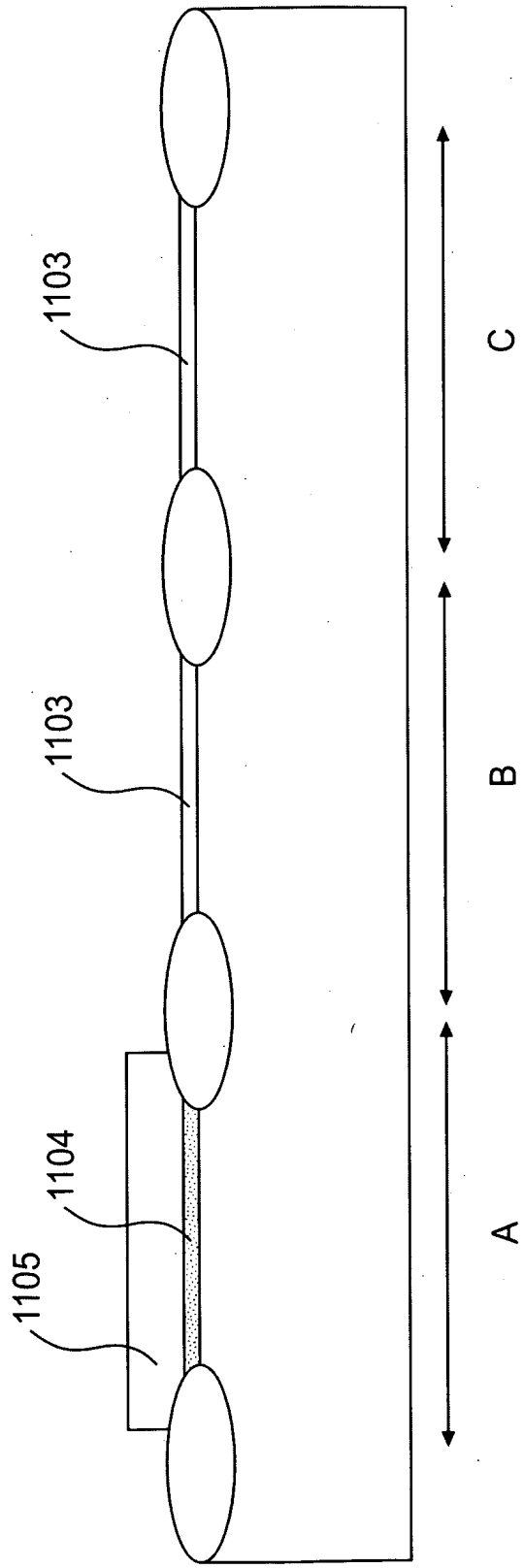


FIG. 21

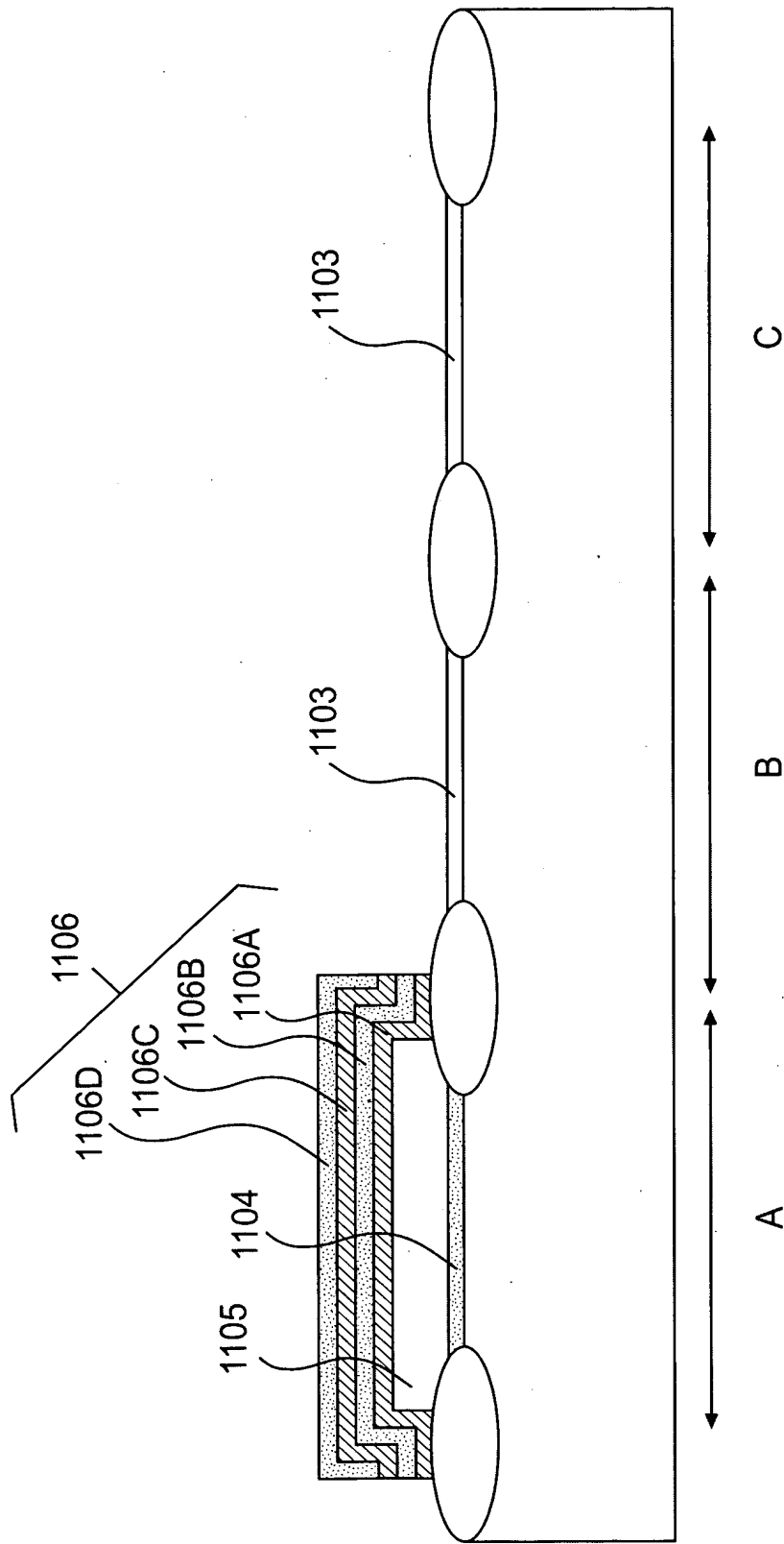


FIG. 22

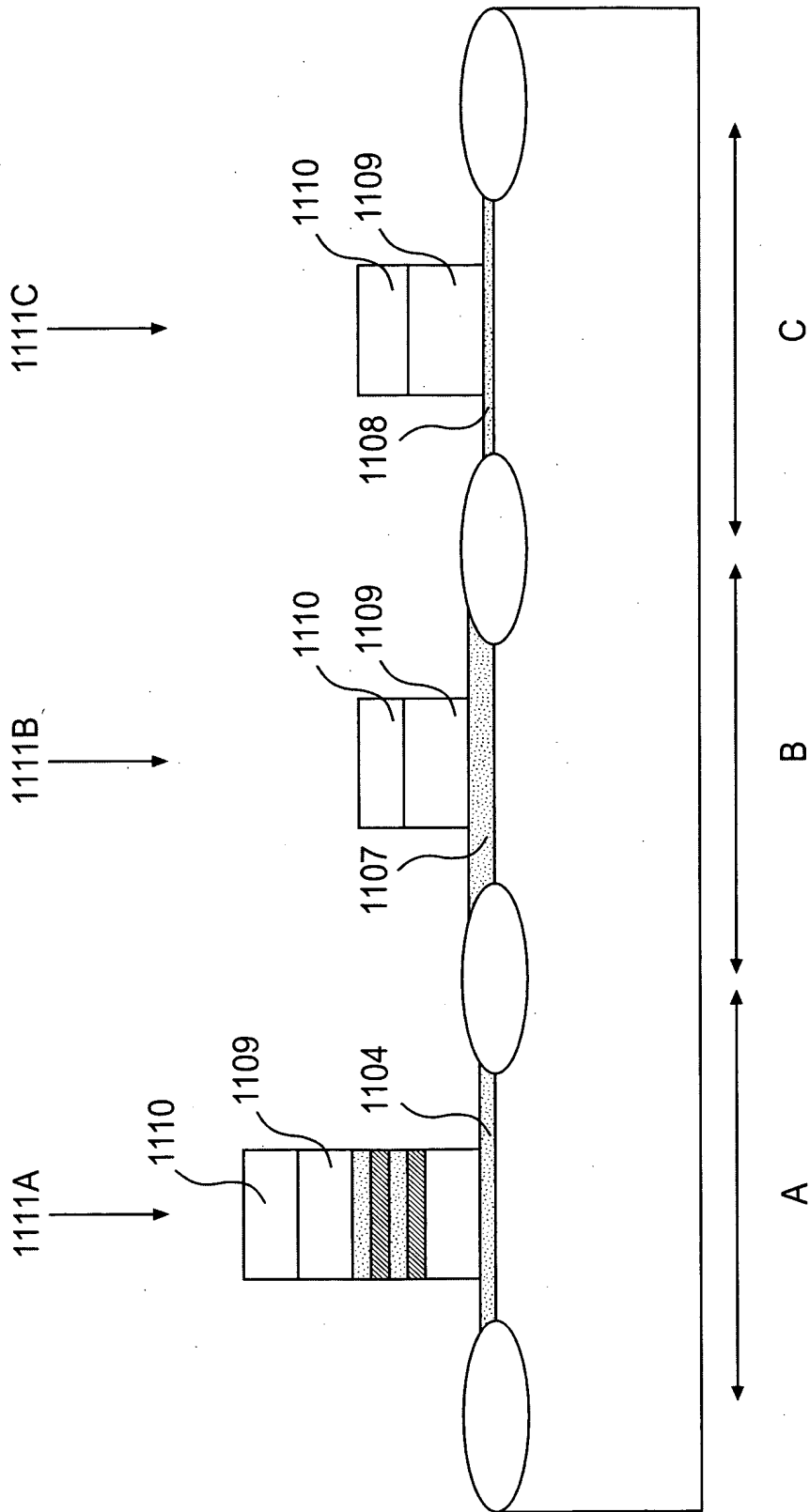


FIG. 23

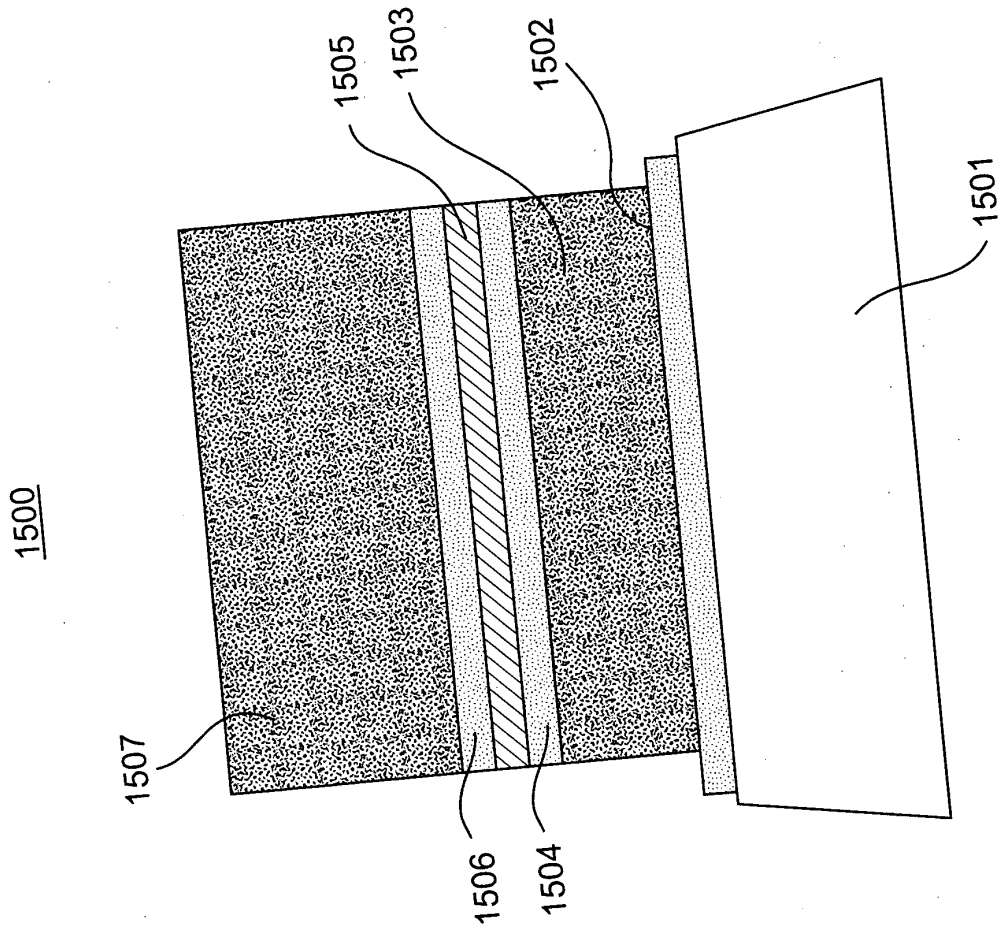


FIG. 24

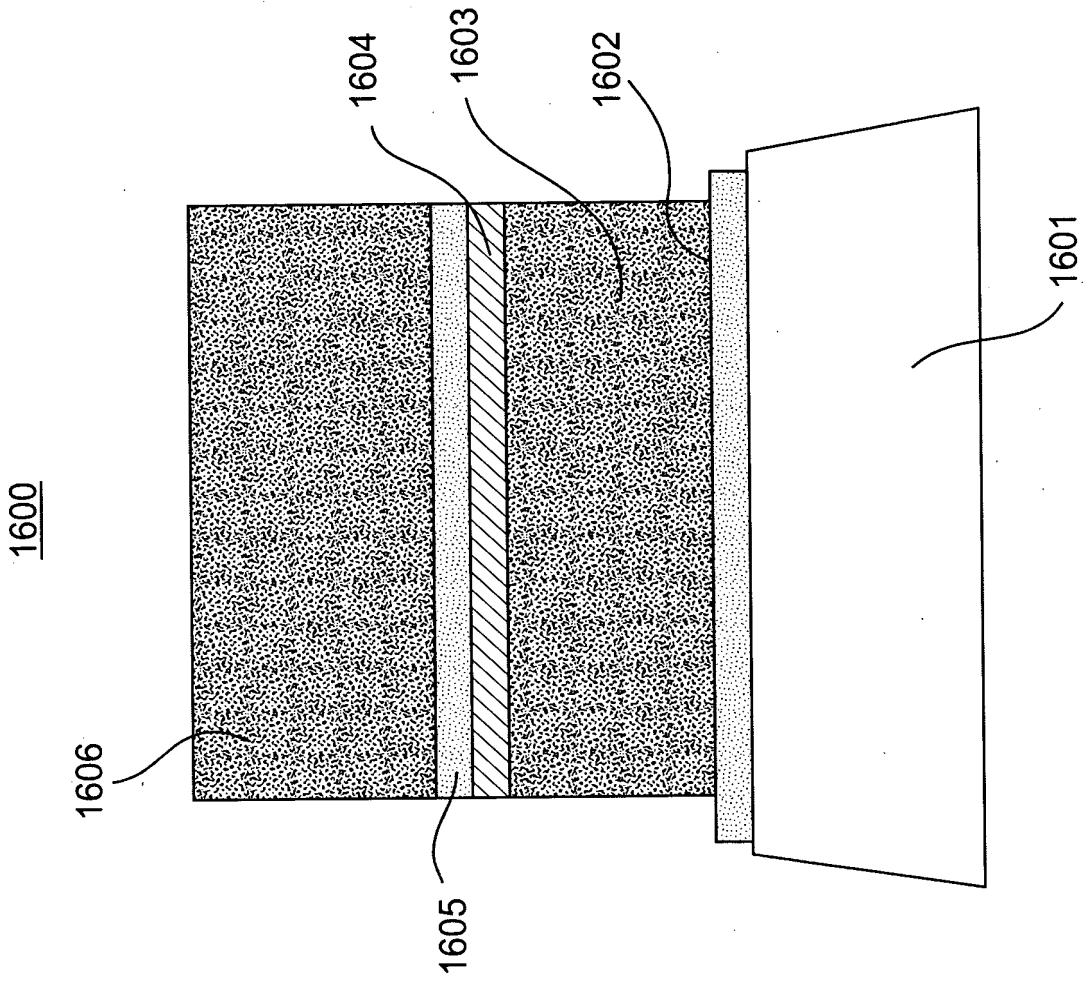


FIG. 25